

Title (en)

Polybutadiene and process for producing the same

Title (de)

Polybutadien und Verfahren zu dessen Herstellung

Title (fr)

Polybutadiène et procédé de production dudit polybutadiène

Publication

EP 1162231 B1 20110622 (EN)

Application

EP 01112081 A 20010529

Priority

- JP 2000171553 A 20000608
- JP 2001027779 A 20010205

Abstract (en)

[origin: EP1162231A2] Modified polybutadiene having a high-cis and low-trans structure with a moderate 1,2-structure content and exhibiting improved characteristics such as cold flow properties, which is obtained by modifying starting polybutadiene having a Tcp/ML1+4 ratio (Tcp: 5% toluene solution viscosity at 25 DEG C.ML1+4: Mooney viscosity at 100 DEG C) of 2.5 or more in the presence of a transition metal catalyst.

IPC 8 full level

C08L 9/00 (2006.01); **C08C 19/08** (2006.01); **C08C 19/26** (2006.01); **C08C 19/28** (2006.01); **C08F 4/44** (2006.01); **C08F 136/06** (2006.01)

CPC (source: EP KR US)

C08C 19/26 (2013.01 - EP US); **C08C 19/44** (2013.01 - KR); **C08F 36/06** (2013.01 - KR); **C08L 9/00** (2013.01 - KR)

Cited by

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EP 1162231 A2 20011212; **EP 1162231 A3 20030730**; **EP 1162231 B1 20110622**; CA 2349966 A1 20011208; CA 2349966 C 20100330; CN 100488995 C 20090520; CN 1329098 A 20020102; KR 100744302 B1 20070730; KR 20010111018 A 20011215; TW 538097 B 20030621; US 2002013436 A1 20020131; US 2003045657 A1 20030306; US 6664347 B2 20031216

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